INFORMATION TECHNOLOGY SKILLS
FEBRUARY 2025

Knowing the Code

Information Technology occupations are some of the most in-demand occupations in Missouri. More than 86,000 people were employed in Computer and Mathematical occupations with an average wage of $88,750 in 2023 (2023 Occupational Employment and Wage Statistics, OEWS). Employment in Information Technology occupations is projected to grow by 15.5 percent from 2022-2032, adding nearly 15,000 jobs during the 10-year period. (MERIC Long-Term Employment Projections).

In 2024, there were over 36,000 online job ads for Computer and Mathematical occupations (Lightcast™). Software development and programming skills are highly valued in these occupations. Most job ads for these occupations requested proficiency in various computer programming languages. The top requested programming languages include *SQL, Python,* and *Java*. These top language skills are mostly demanded in job ads for *Software Developers* and *Data Scientists.*

Top 20 Software and Programming Skills Requested in IT Occupations		
Skill	**Skill Cluster**	**Online Job Ads**
SQL	Programming Language	6,460
Python	Programming Language	5,390
Amazon Web Services	Cloud Solutions	4,480
Microsoft Azure	Cloud Solutions	3,930
Java	Programming Language	3,750
Application Programming Interface (API)	Application Programming Interface	3,410
JavaScript	Programming Language	3,020
Linux	Operating Systems	2,430
Git	Version Control System	2,140
JIRA	Software Quality Assurance	2,070
C#	Programming Language	1,860
Power BI	Data Visualization	1,750
Kubernetes	IT Automation	1,710
RESTful API	Application Programming Interface (API)	1,650
HyperText Markup Language (HTML)	Web Development	1,530
React.js (Javascript Library)	JavaScript and jQuery	1,510
SAP Applications	Enterprise Resource Planning (ERP)	1,510
Cascading Style Sheets (CSS)	Web Development	1,460
Tableau	Data Visualization	1,390
Docker Software	IT Automation	1,380

Source: Lightcast™, online job ads Jan. 1, 2024 - Dec. 31, 2024

Who's Hiring?

NAICS Code	Industry Title	Online Job Ads
	Top Industries	
541	Professional, Scientific, & Technical Services	9,020
561	Administrative & Support Services	4,460
522	Credit Intermediation & Related Activities	1,360
524	Insurance Carriers & Related Activities	1,310
366	Transportation Equipment Manufacturing	1,260
621	Ambulatory Health Care Services	1,190
611	Educational Services	1,090
523	Securities, Commodity Contracts, & Other Financial Investments & Related	860
513	Publishing Industries	790
622	Hospitals	740

Top Employers

- Deloitte
- Boeing
- Accenture
- Edward Jones
- Centene

- Kforce
- Mastercard
- World Wide Technology
- PricewaterhouseCoopers
- Randstad

Source: Lightcast™, online job ads Jan. 1, 2024 - Dec. 31, 2024

Industries with the most job postings for Information Technology occupations included *Professional, Scientific, and Technical Services* and *Administrative and Support Services*. The employer with the most job postings was Deloitte, followed by Boeing and Accenture.

Skill Profile

Java is an object-oriented programming language and computing platform that is used to create applications and websites. Java is a transferable programming language that can be used across multiple platforms and different types of devices.

Java is most requested in job ads for *Software Developers* and *Computer Systems Engineers*. Employers requesting Java in job ads include Edward Jones and Mastercard.

DEPARTMENT OF HIGHER EDUCATION & WORKFORCE DEVELOPMENT

MORE WITH MERIC
TIMELY TARGETED INTELLIGENT

https://dhewd.mo.gov • https://meric.mo.gov • MERICData@dhewd.mo.gov